

# Purchase Order Receipt Listing

Wednesday, September 25, 2013 7:44:07 AM

All amounts are calculated in domestic currency.

All Vendors PO ID po21317 Receipt Dates from 9/25/2013 to 9/25/2013 All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO21317	4		M6061T6B2.000X02. f 2.50		9/18/2013	9/25/2013	12.0000 ✓	\$12.15	0.0000	0	\$145.78
CAD	No		6061-T6 Bar 2.00 x f 2.25		1.0000	DES102		\$145.78	0.0000	0	
			m126981								
	6		M6061T6S.040 sf		9/18/2013	9/25/2013	192.0000 ✓	\$1.53	0.0000	0	\$294.41
	No		6061-T6 .040 Sheet sf		192.0000	DES102		\$294.41	0.0000	0	
			m126981								
	7		M7075T6B1.750X04. f 500		9/18/2013	9/25/2013	24.0800 ✓	\$40.14	0.0000	0	\$966.66
	No		7075-T6 BAR 1.750" f X 4.500"		24.0833	DES102		\$966.66	0.0000	0	
			m126981								
	8		M7075T6B4.000X4.5 f 00		9/18/2013	9/25/2013	8.0000 ✓	\$94.88	0.0000	0	\$759.00
	No		7075-T6 BAR 4.000" f X 4.500"		8.0000	DES102		\$759.00	0.0000	0	
			m126981								
	9		M7075T6B5.000X1.0 f 00		9/18/2013	9/25/2013	60.2100 ✓	\$26.18	0.0000	0	\$1,576.55
	No		7075-T6 BAR 5.000" f X 1.000"		60.2080	DES102		\$1,576.55	0.0000	0	
			m126981								
	10		M7075T6B6.000X6.0 f 00		9/18/2013	9/25/2013	24.1700	\$166.07	0.0000	0	\$4,013.98
	No		7075-T6 BAR 6.000" f X 6.000" (order in billets)		24.1667	DES102		\$4,013.98	0.0000	0	
			m126981								

90 a/b 4

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
<div> <div>Total Received Quantity:</div> <div>Total Qty to Inspect (PO U/M):</div> <div>Total Reject Quantity:</div> <div>Total Receipt Value:</div> <div>Total Balance Due Quantity:</div> </div>											320.4600 0.0000 0.0000 \$7,756.39 0.0033

# Receiving Report

Date:

13/9/25

Batch No:

M126981

Supplier:

ThyssenKruph

Dart P/O:

21317

Packing Slip:

Yes ☒

No ☐

Invoice:

Yes ☐

No ☒

Receipt:

Cash ☐

Cr ☒

Release Note Attached:

Yes ☒

No ☐

N/A ☐

Waybill Attached:

Yes ☐

No ☒

N/A ☐

Shipment Complete:

Yes ☒

No ☐

N/A ☐

QC6 Inspection ☒

N/A ☐

Work Order ☐

N/A ☐

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK)

Level 12

*[Signature]*

Production/Admin:

Date

13/9/25

Received/Costing

Initial

[Signature]

Location

## B I L L O F L A D I N G

No: PEC 842293

Ship From:  
 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 23Sep13 at 16:24 From PFW  
 Probill  
 Via VIM TRANSFER  
 FOB CONCORD  
 Frt PREPAID  
 Route 0- 0 Manifest  
 Vhcle Trailer  
 Slp STAN IVERS (905-532-1350)  
 Sold To: ( 20115)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7  
 Tel: 613-632-9577 Fax: 613-632-1053

## B I L L O F L A D I N G

1) Our Order PEC-605632- 1 Your PO # 21317  
 ALUMINUM FLAT BAR 6061-T6511  
 2.00" x 2.25" X 144.0000"

Heat Number 201317570  
 Tag No 219541

Quantity 12 FT  
 PCS MTR Wt LBS 64

2) Our Order PEC-605632- 2 Your PO # 21317  
 ALUMINUM SHEET 6061 T6  
 .0400 Nom X 48.0000" X 144.0000"

Heat Number 636516A7  
 Tag No 219542

Quantity 192.00 SFT  
 PCS MTR Wt LBS 108

3) Our Order PEC-605632- 3 Your PO # 21317  
 Part # QQ-A- 250/12 PLATE Rel #  
 ALUMINUM PLATE 7075-T651  
 1.750" THICK X 4.5000" X 144.5000"

Heat Number 422831  
 Tag No 219543

Quantity 9.03 SFT  
 PCS MTR Wt LBS 248

4) Our Order PEC-605632- 4 Your PO # 21317  
 Part # QQ-A- 250/12 PLATE Rel #  
 ALUMINUM PLATE 7075-T651  
 4.00" THICK X 4.5000" X 96.0000"

Heat Number 438561  
 Tag No 219544

Quantity 3.00 SFT  
 PCS MTR Wt LBS 184

5) Our Order PEC-605632- 5 Your PO # 21317  
 Part # QQ-A- 250/12 PLATE Rel #  
 ALUMINUM PLATE 7075-T651  
 1.00" THICK X 5.0000" X 144.5000"

Page: 1 ....Continued

1 crate R-SS4 ✓

1 skid R-SS3 ✓

1 planche R-SS4 ✓

120 R-SS3 ✓

1 pcs R-SS7 ✓

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
 RAPPORTÉES IMMÉDIATEMENT

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT  
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/GST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

SHIP FROM:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

SHIP TO: ( 1 )  
DART AEROSPACE

NO: PEC 842293  
SHIP DATE 23Sep13 at 16:24 From PFW  
Probill  
Via VIM TRANSFER  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115 )  
DART AEROSPACE

B I L L O F L A D I N G

Heat Number	Tag No	Quantity	PCS	Wt LBS
717842	219545	25.09 SFT	5	387

6) Our Order PEC-605632- 6 Your PO # 21317  
ALUMINUM PLATE 7075-T651  
6.00" THICK X 6.0000" X 7.2500"

Heat Number	Tag No	Quantity	PCS	Wt LBS
718076	219546	12.08 SFT	40	1113

TOTAL:	Tags	PCS	LBS
	6	53	2104

ADD ON TO 605548 SUR-CHARGE ADDED

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

TOTAL (1-6) 1 BAR, 2 SKIDS, 3 BDLS GW. 2350 LBS

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*

\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\*\*\*

\* WE STOCK STAINLESS STEEL \*

\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

\*\*\*\*\*

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

Page: 2 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001



SERVICE CENTER METALS  
5850 Quality Way  
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS  
FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
184248	2

BILL TO	MANIFEST NUMBER	DIE NUMBER	DATE OF SHIPMENT
Copper & Brass Sales, Inc.	200492	RB0404	8/29/2013
SHIP TO	CUSTOMER PO	ALLOY / TEMPER	SALESPERSON
Copper & Brass Sales, Inc.	5400194524	6061-T6511	Ellis Williams
Quantity Certified	835 lbs	13 pcs	CUSTOMER PART NUMBER
			ALREC00877
		DESCRIPTION	SCRB 2.000x2.250

CERTIFICATION
ASTM-B221-13 StencilCont
SPECIFICATION
AMS-QQA-200/8 - 1997
SPECIFICATION
RoHS 2011/65/EU Compliant
Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA.

Mechanical Properties

Tests Lot No.

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201317570	8/24/13	min 47.90 max 47.90	min 46.30 max 46.30	min 17.40 max 17.40

inf  
13/09/28

Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Others	Total	Melt Source:
080532	6061	0.74	0.34	0.30	0.12	0.88	0.08	0.10	0.02	97.42	0.05	0.15		United States of America

Calvin J. Wiggins, Director of Quality & Technical Services

Print Date: 8/29/2013

From: ThyssenKrupp Materials NA  
Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2402698178  
CstAr CstOr 251921  
Wgt.: 63.974 LB Date 09/13/2013

# KAISER ALUMINUM FABRICATED PRODUCTS

*Best in Class*

## CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum  
Trentwood Works  
Spokane, WA 99215-5108  
(800) 367-2586

CUSTOMER PO NUMBER: 5400182101-20		WORK PACKAGE:	CUSTOMER PART NUMBER: ALFLR01644		PRODUCT DESCRIPTION: HT Flat Sheet
KAISER ORDER NUMBER: 1153837	LINE ITEM: 2	SHIP DATE: 07/03/2013	ALLOY: 6061	CLAD: BARE	TEMPER: T6
WEIGHT SHIPPED: 12764 LB	QUANTITY: 493 PCS EST.	B/L NUMBER: 2042987	GAUGE: 0.0400 IN	WIDTH: 48.000 IN	LENGTH: 144.000 IN
SHIP TO: COPPER & BRASS SALES 905 CARLOW DRIVE UNIT D BOLINGBROOK, IL 60490 US			SOLD TO: COPPER & BRASS SALES ATTN: ACCOUNTS PAYABLE P.O. Box 5116 SOUTHFIELD, MI 48086 US		

MHU 1689908: LOT 636516A7: 146 pieces  
MHU 1689909: LOT 636516A7: 146 pieces  
MHU 1689952: LOT 619986A3: 55 pieces  
MHU 1689953: LOT 619986A3: 72 pieces  
LOT 636516A7: 74 pieces

*and 13/09/28*

### Certified Specifications

AMS 4027/RevN ASME SB 209/Rev2004 ASTM B 209/Rev10 CMMP 019/RevD CMMP 025/RevU

Test Code: 1511

### Test Results:

LOT: 619986A3 CAST: 016 DROP: 53 INGOT: 1

Melted in USA  
(ASTM E8/B557)  
(EN 2002-1)

Tensile: Temper	Dir/#Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
T6	LT / 02 (Min:Max)	46.9 : 46.9 (323 : 323)	39.4 : 39.7 (272 : 274)	13.3 : 13.7

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.72	0.5	0.31	0.07	1.1	0.20	0.10	0.02	0.01	0.00	TOT 0.04

LOT: 636516A7 CAST: 109 DROP: 18 INGOT: 2

Melted in USA  
(ASTM E8/B557)  
(EN 2002-1)

Tensile: Temper	Dir/#Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
T6	LT / 02 (Min:Max)	47.5 : 47.9 (328 : 330)	40.6 : 40.9 (280 : 282)	12.9 : 13.9

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.74	0.5	0.29	0.07	1.0	0.19	0.11	0.02	0.01	0.00	TOT 0.04

Plant Serial: 4302481

Kaiser Order Number: 1153837

Line Item: 2

Page 1 of 2

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2402698994

CstAr

CstOr 251921

Wgt.: 108.380 LB

Date 09/14/2013

*John R. Zambetti*

# KAISER ALUMINUM FABRICATED PRODUCTS

*Best in Class*

## CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum  
Trentwood Works  
Spokane, WA 99215-5108  
(800) 367-2586

Chemistry:		SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
6061	MIN	0.40	0.0	0.15	0.00	0.8	0.04	0.00	0.00	0.00	0.00	MAX 0.05
	MAX	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.05	TOT 0.15

Aluminum Remainder

### Miscellaneous Notes

6061 sheet or plate certified to AMS 4025, AMS 4026, or AMS 4027 also meets applicable requirements of AMS-QQ-A-250/11, Rev. A.

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser) hereby certifies that metal shipped under this order was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content. This material has been inspected, tested and found in conformance with the requirements of the applicable specifications as indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. All metal which is solution heat treated complies with AMS 2772. Any warranty is limited to that shown on Kaiser's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of Kaiser Aluminum Fabricated Products, LLC laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law. ISO-9001:2000 certified.

JAMES HEMENWAY, LABORATORIES SUPERVISOR

*James Hemenway*

Plant Serial: 4302481

Kaiser Order Number: 1153837

Line Item: 2

Page 2 of 2

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2402698994

CstAr

CstOr 251921

Wgt.: 108.380 LB

Date 09/14/2013

*John L. Zumbach*





**CERTIFIED TEST REPORT**  
Constellium Rolled Products Ravenswood, LLC

**COPPER & BRASS SALES**  
1015 SAINT JEROME STREET  
MISHAWAKA IN


46544

**COPPER & BRASS SALES**  
P.O. BOX 5116  
SOUTHFIELD MI

48086

**COPPER&BR R02901 4075 INCLUSION SERIAL#: 20130701R02901 PAGE 1 OF 3**

CUSTOMER PURCHASE ORDER NO. & ITEM <b>5400182030</b>				Constellium ORDER NO. <b>110-513141</b>		<b>CERTIFICATION</b> "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination."  <b>Constellium Rolled Products Ravenswood, LLC</b> Rt 2 South, Century Road P.O. BOX 88 RAVENSWOOD, WV 26164 USA <i>Rodney J. Felty</i> Rodney J. Felty - Laboratory Manager	
ALLOY <b>7075</b>	CLAD. <b>00</b>	TEMPER <b>T651</b>	GAUGE <b>1.78000</b>	WIDTH <b>60.500</b>	LENGTH <b>144.500</b>		
ITEM ORDERED <b>MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL</b>							
CUSTOMER SPECIFICATION <b>AMS-QQ-A-250/12</b>							
PART NUMBER <b>ALFLR00996</b>		B/L NUMBER <b>R02900</b>		DATE SHIPPED <b>07/01/13</b>			
WEIGHT SHIPPED <b>9,915</b>		NO. OF PIECES <b>6</b>		GOVT. CONTRACT NO.			

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS										
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN	MAX									
422831	LT	2	***** T651 78.3	79.8	67.4	69.1	***** 13.0	14.5											
All material contained in lot 422831 was cast and manufactured in the USA.																			
422841	LT	2	80.1	80.4	69.0	69.0	14.0	14.0											
All material contained in lot 422841 was cast and manufactured in the USA.																			
ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS																			
ASTM B209-10,AMS 4045K  13/09/28																			
CHEM COM	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.		
	SEE ACTUAL CHEMICAL COMPOSITION																		
	ALUMINUM REMAINDER																		

P-860-155D (06/11)

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2402702509

CstAr

CstOr 251921

Wgt.: 248.000 LB

Date 09/18/2013

*John L. Zambetti*



# CERTIFIED TEST REPORT

Constellium Rolled Products Ravenswood, LLC

**COPPER & BRASS SALES**  
1015 SAINT JEROME STREET  
MISHAWAKA IN

46544

**COPPER & BRASS SALES**  
P.O. BOX 5116  
SOUTHFIELD MI

48086

COPPER&BR R02901 4075 INCLUSION SERIAL#: 20130701R02901 PAGE 2 OF 3

CUSTOMER PURCHASE ORDER NO. & ITEM <b>5400182030</b>				Constellium ORDER NO. <b>110-513141</b>		<b>CERTIFICATION</b> "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination."  Constellium Rolled Products Ravenswood, LLC Rt 2 South, Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA  Rodney J. Felty - Laboratory Manager
ALLOY <b>7075</b>	CLAD. <b>00</b>	TEMPER <b>T651</b>	GAUGE <b>1.78000</b>	WIDTH <b>60.500</b>	LENGTH <b>144.500</b>	
ITEM ORDERED <b>MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL</b>						
CUSTOMER SPECIFICATION <b>AMS-QQ-A-250/12</b>						
PART NUMBER <b>ALFLR00996</b>		B/L NUMBER <b>R02900</b>		DATE SHIPPED <b>07/01/13</b>		
WEIGHT SHIPPED <b>9,915</b>		NO. OF PIECES <b>6</b>		GOVT. CONTRACT NO.		

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS										
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN	MAX									
			ACTUAL CHEMICAL COMPOSITION																
422831	C		SI= 0.05	FE= 0.09	CU= 1.52	MN= 0.01	MG= 2.45												
			CR= 0.20	ZN= 5.66	TI= 0.03	ZR= 0.01													
			OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER																
422841	C		SI= 0.05	FE= 0.09	CU= 1.52	MN= 0.01	MG= 2.45												
			CR= 0.20	ZN= 5.66	TI= 0.03	ZR= 0.01													
			OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER																
CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.
	SEE ACTUAL CHEMICAL COMPOSITION																		
ALUMINUM REMAINDER																			

P-860-155D (06/11)

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2402702509

CstAr

CstOr 251921

Wgt.: 248.000 LB

Date 09/18/2013



# CERTIFIED TEST REPORT

Constellium Rolled Products Ravenswood, LLC

COPPER & BRASS SALES  
1015 SAINT JEROME STREET  
MISHAWAKA IN


46544

COPPER & BRASS SALES  
P.O. BOX 5116  
SOUTHFIELD MI

48086

COPPER&BR R02901 4075 INCLUSION SERIAL#: 20130701R02901 PAGE 3 OF 3

CUSTOMER PURCHASE ORDER NO. & ITEM <b>5400182030</b>				Constellium ORDER NO. <b>110-513141</b>		<b>CERTIFICATION</b> "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination."  Constellium Rolled Products Ravenswood, LLC Rt 2 South, Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA <i>Rodney J. Felty</i> Rodney J. Felty - Laboratory Manager
ALLOY <b>7075</b>	CLAD. <b>00</b>	TEMPER <b>T651</b>	GAUGE <b>1.78000</b>	WIDTH <b>60.500</b>	LENGTH <b>144.500</b>	
ITEM ORDERED <b>MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL</b>						
CUSTOMER SPECIFICATION <b>AMS-QQ-A-250/12</b>						
PART NUMBER <b>ALFLR00996</b>		B/L NUMBER <b>R02900</b>		DATE SHIPPED <b>07/01/13</b>		
WEIGHT SHIPPED <b>9,915</b>		NO. OF PIECES <b>6</b>		GOVT. CONTRACT NO.		

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS										
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN	MAX									
THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW.																			
CHEMISTRY BY OES: ARKSPARK																			
CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT.																			
WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399.																			
WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8; B557.																			
Mark Paperwork: ALFLR00996																			
DUNS Number: 090570149; CAGE Code: 1YWL9																			
Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product.																			
"END OF CERTIFICATION"																			
 13/09/28																			
CHEM COM	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.
	SEE ACTUAL CHEMICAL COMPOSITION																		
ALUMINUM REMAINDER																			

P-860-155D (06/11)

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2402702509

CstAr

CstOr 251921

Wgt.: 248.000 LB

Date 09/18/2013

*John R. Zambetti*



**CERTIFIED TEST REPORT**  
Constellium Rolled Products Ravenswood, LLC

4

COPPER & BRASS SALES  
1015 SAINT JEROME STREET  
MISHAWAKA IN

46544

COPPER & BRASS SALES  
P.O. BOX 5116  
SOUTHFIELD MI

48086

COPPER&BR T84302 1800 INCLUSION SERIAL#: 20130820T84302 PAGE 1 OF 4

CUSTOMER PURCHASE ORDER NO. & ITEM 5400189756				Constellium ORDER NO. 110-513231		<b>CERTIFICATION</b> "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination."  <b>Constellium Rolled Products Ravenswood, LLC</b> Rt 2 South, Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA  <i>Rodney J. Felty</i> Rodney J. Felty - Laboratory Manager	
ALLOY 7075	CLAD. 00	TEMPER T651	GAUGE 4.03000	WIDTH 60.500	LENGTH 144.500		
ITEM ORDERED MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL							
CUSTOMER SPECIFICATION AMS-QQ-A-250/12							
PART NUMBER ALFLR00369		B/L NUMBER T84300		DATE SHIPPED 08/21/13			
WEIGHT SHIPPED 11,205		NO. OF PIECES 3		GOVT. CONTRACT NO.			

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS										
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN	MAX									
438561	LT	2	***** T651 73.1	73.3	58.9	59.3	***** 12.0	12.0											
All material contained in lot 438561 was cast and manufactured in the USA.																			
-----																			
ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS																			
-----																			
ASTM B209-10, AMS 4045K ALSO MIN PROP: UTS=65, YS=52, ELONG=5%																			
ml 13/09/28																			
CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.
	SEE ACTUAL																		
	ALUMINUM REMAINDER																		

P-860-155D (06/11)

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2402702497

CstAr

CstOr 251921

Wgt.: 184.000LB

Date 09/19/2013

*John R. Zambetti*



**CERTIFIED TEST REPORT**  
Constellium Rolled Products Ravenswood, LLC

COPPER & BRASS SALES  
1015 SAINT JEROME STREET  
MISHAWAKA IN

46544

COPPER & BRASS SALES  
P.O. BOX 5116  
SOUTHFIELD MI

48086

COPPER&BR T84302 1800 INCLUSION SERIAL#: 20130820T84302 PAGE 2 OF 4

CUSTOMER PURCHASE ORDER NO. & ITEM 5400189756				Constellium ORDER NO. 110-513231	
ALLOY 7075	CLAD. 00	TEMPER T651	GAUGE 4.03000	WIDTH 60.500	LENGTH 144.500
ITEM ORDERED MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL					
CUSTOMER SPECIFICATION AMS-QQ-A-250/12					
PART NUMBER ALFLR00369		B/L NUMBER T84300		DATE SHIPPED 08/21/13	
WEIGHT SHIPPED 11,205		NO. OF PIECES 3		GOVT. CONTRACT NO.	

**CERTIFICATION**

"Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination."

**Constellium Rolled Products Ravenswood, LLC**  
Rt 2 South, Century Road  
P.O. BOX 68  
RAVENSWOOD, WV 26164 USA

*Rodney J. Felty*  
Rodney J. Felty - Laboratory Manager

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS										
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN	MAX									
THIS MATERIAL IS OVER 4" IN THICKNESS AND THEREFORE EXCEEDS THE SIZE RANGE OF ALL APPLICABLE SPECIFICATIONS. SINCE THE MAJORITY OF METAL IS SUPPLIED WITHIN THE SIZE RANGE OF APPLICABLE SPECIFICATIONS, OUR CONCERN IS THAT MATERIAL MAY BE INADVERTENTLY USED IN APPLICATIONS WHICH REQUIRE CHARACTERISTICS EXPECTED OF THICKNESS 4" AND BELOW. FOR THE MATERIAL DESCRIBED, STRENGTH AND OTHER CHARACTERISTICS CAN BE EXPECTED TO DIFFER FROM THOSE TYPICAL OF MATERIAL IN THE NORMAL SIZE RANGE. THIS MATERIAL SHOULD NOT BE USED IN APPLICATIONS WHICH REQUIRE CHARACTERISTICS EXPECTED IN THE NORMAL SIZE RANGE; THEREFORE YOUR CAREFUL CONTROL IS NECESSARY TO PREVENT MISAPPLICATION.																			
CONF 13/09/28																			
CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.
	SEE ACTUAL CHEMICAL COMPOSITION																		
ALUMINUM REMAINDER																			

P-860-155D (06/11)

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2402702497

CstAr

CstOr 251921

Wgt.: 184.000 LB

Date 09/19/2013

*John R. Zumbatti*



**CERTIFIED TEST REPORT**  
Constellium Rolled Products Ravenswood, LLC

COPPER & BRASS SALES  
1015 SAINT JEROME STREET  
MISHAWAKA IN

46544

COPPER & BRASS SALES  
P.O. BOX 5116  
SOUTHFIELD MI

48086

COPPER&BR T84302 1800 INCLUSION SERIAL#: 20130820T84302 PAGE 3 OF 4

CUSTOMER PURCHASE ORDER NO. & ITEM 5400189756				Constellium ORDER NO. 110-513231		<b>CERTIFICATION</b> "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination."  <b>Constellium Rolled Products Ravenswood, LLC</b> Rt 2 South, Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA  <i>Rodney J. Felty</i> Rodney J. Felty - Laboratory Manager
ALLOY 7075	CLAD. 00	TEMPER T651	GAUGE 4.03000	WIDTH 60.500	LENGTH 144.500	
ITEM ORDERED MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL						
CUSTOMER SPECIFICATION AMS-QQ-A-250/12						
PART NUMBER ALFLR00369		B/L NUMBER T84300		DATE SHIPPED 08/21/13		
WEIGHT SHIPPED 11,205		NO. OF PIECES 3		GOVT. CONTRACT NO.		

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS											
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN	MAX										
438561	C		ACTUAL CHEMICAL COMPOSITION																	
			SI= 0.07	FE= 0.13	CU= 1.54	MN= 0.04	MG= 2.54													
			CR= 0.19	ZN= 5.61	TI= 0.02	ZR= 0.01														
			OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER																	
inf 13/09/28																				
CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS		
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.	
	SEE ACTUAL CHEMICAL COMPOSITION																			
ALUMINUM REMAINDER																				

P-860-155D (06/11)

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2402702497

CstAr

CstOr 251921

Wgt.: 184.000 LB

Date 09/19/2013

*John R. Zambetti*



**CERTIFIED TEST REPORT**  
Constellium Rolled Products Ravenswood, LLC

COPPER & BRASS SALES  
1015 SAINT JEROME STREET  
MISHAWAKA IN

46544

COPPER & BRASS SALES  
P.O. BOX 5116  
SOUTHFIELD MI

48086

COPPER&BR T84302 1800 INCLUSION SERIAL#: 20130820T84302 PAGE 4 OF 4

CUSTOMER PURCHASE ORDER NO. & ITEM 5400189756				Constellium ORDER NO. 110-513231		<b>CERTIFICATION</b>  "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination."  <b>Constellium Rolled Products Ravenswood, LLC</b> Rt 2 South, Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA  <i>Rodney J. Felty</i> Rodney J. Felty - Laboratory Manager
ALLOY 7075	CLAD. 00	TEMPER T651	GAUGE 4.03000	WIDTH 60.500	LENGTH 144.500	
ITEM ORDERED MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL						
CUSTOMER SPECIFICATION AMS-QQ-A-250/12						
PART NUMBER ALFLR00369		B/L NUMBER T84300		DATE SHIPPED 08/21/13		
WEIGHT SHIPPED 11,205		NO. OF PIECES 3		GOVT. CONTRACT NO.		

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS										
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.									
THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW.																			
CHEMISTRY BY OES: ARKSPARK																			
CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT.																			
WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399.																			
WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8; B557.																			
Mark Paperwork: ALFLR00369																			
DUNS Number: 090570149; CAGE Code: 1YWL9																			
Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product.																			
"END OF CERTIFICATION"																			
CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.
	SEE ACTUAL CHEMICAL COMPOSITION																		
ALUMINUM REMAINDER																			

P-860-155D (06/11)

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2402702497

CstAr

CstOr 251921

Wgt.: 184.000 LB

Date 09/19/2013



## INSPECTION CERTIFICATE № 13.10861

EN 10204 - 3 1



Certified by Russian Register

Consigner: KAMENSK URALSKY METALLURGICAL WORKS 5 Zavodskaya Str., Kamenok Uralsky, Sverdlovsk Region, 623405, Russia Tel: (3439) 39 52 22 Fax: (3439) 39 50 68				JOINT STOCK COMPANY						
Consignee: Thyssen Krupp Materials NA				Quantity: 8						
Contract number: N14326-S 6400177813-R01				Specification №: N14326						
Article number: ALFLR03209				Lot №: 1 Package №: 619298						
Description of Goods: Plates				Requirements on the Products:						
Grade of Product		Dimensions, inch/mm		Material conforms to quality of alloy: 7075 T651						
		1.03"X40.5"X144.5" 26.160X1231.9X3670.3		Product conforms to all requirements of ASTM-B209-10, AMS-QQ-A250/12AMS4045K. This product conforms to European Union RoHS Directive 2002/95/EC						
Mechanical Properties										
The Condition of Tested Standards	Lot Number	Cast Number	Number of Tests	Tensile Strength		Yield Strength (0.2% offset)		Elongation, %		Hardness, HB
				ksi		ksi				
				min	max	min	max	min	max	
Required				77.0		67.0		6.0		
	717842	12-1859	6	83.4	84.6	74.8	76.2	12.0	14.0	
Chemical Composition, %										
Element	Silicon Si	Iron Fe	Copper Cu	Manganese Mn	Magnesium Mg	Chromium Cr	Nickel Ni	Zinc Zn	Titanium Ti	Zincum Z
Required	0.4	0.6	1.2-2.0	0.3	2.1-2.8	0.18-0.28		5.1-6.1	0.2	
Contents	0.04	0.16	1.3	0.07	2.4	0.19		5.8	0.08	
Element	Ti+Zr	Na	Tin Sn	Bismuth Bi	Plumbum Pb	Mn+Cr	Co	Other Elements		Al
								Each	Total	
Required								0.05	0.15	remainder
Contents								0.06	0.15	remainder
Other Tests										
Method	Macro structure	Micro structure	UT	Electro- conductivity	BCF	Contents of materials on 3/100g	Mercury - Free "Russia is country of origin and manufacture"			
Result						0.10				

On behalf

Date

Inspector

Inspection Department Engineer



OAO KUMZ

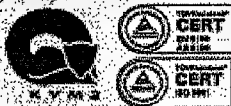
13.04.13

G.A. Ostanina

N.V. Alekhina

*Conf*  
*13/04/28*





## INSPECTION CERTIFICATE № 13.17959

EN 10204 - 3.1



Certified by Russian Register

Consigner: KAMENSK URALSKY METALLURGICAL WORKS 5, Zavodskaya Str., Kamensk Ural'sky, Sverdlovsk Region, 623405, Russia Tel: (3439) 39 52 22 Fax: (3439) 39 50 68				JOINT STOCK COMPANY						
Consignee: Thyssen Krupp Materials NA				Quantity: 1						
Contract number: N14445-S 5400184357-R01				Net Weight, kg.: 2030						
Article number: ALFLR00645				Specification No: N14445 Lot No: 1 Package No: 622153						
Description of Goods: Plates				Requirements on the Products:						
Grade of Product		Dimensions, inch/mm		Material conforms to quality of alloy: 7075 T651						
		8.03"X48.5"X144.5" 163.160X1231.9X3670.3		Product conforms to all requirements of ASTM-B209-10, AMS-QQ-A250/12AMS4045K. This product conforms to European Union RoHS Directive 2002/95/EC						
Mechanical Properties										
The Condition of Tested Standards	Lot Number	Cast Number	Number of Tests	Tensile Strength		Yield Strength (0.2% offset)		Elongation, %		Hardness, HB
				ksi	ksi	ksi	ksi	ksi	ksi	
				min	max	min	max	min	max	
Required				-	-	-	-	-	-	-
	718076	20-5989	2	78.4	78.6	65.6	65.8	8.5	8.5	
Chemical Composition, %										
Element	Silicon Si	Iron Fe	Copper Cu	Manganese Mn	Magnesium Mg	Chromium Cr	Nickel Ni	Zinc Zn	Titanium Ti	Zirconium Zr
Required	0.4	0.5	1.2-2.0	0.3	2.1-2.9	0.18-0.28	-	5.1-6.1	0.2	-
Contents	0.05	0.20-0.21	1.3	0.03	2.4	0.19	-	5.8	0.08	-
Element	Ti+Zr	Na	Tin Sn	Bismuth Bi	Plumbum Pb	Mn+Cr	Cs	Other Elements		Al
								Each	Total	
Required	-	-	-	-	-	-	-	0.05	0.15	remainder
Contents	-	-	-	-	-	-	-	0.05	0.15	remainder
Other Tests										
Method	Macro- structure	Micro- structure	UT	Electro- conductivity	SCF	Contents H2 of metals cm3/100gr	Mercury - Free "Russia is country of melt and manufacture"			
Result	-	-	-	-	-	0.22				

On behalf:

OAO KUMZ

Date:

24.08.13

Inspector:

N.A. Hmylnina

Inspection Department Engineer:

N.V. Alekhina



Form № QAD/3-001, Revision 00

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2402702485

CstAr

CstOr 251921

Wgt.: 1,113.000 LB

Date 09/18/2013



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

# PURCHASE ORDER

Purchase Order ID PO21317

Purchase Order Date 9/12/2013

PO Print Date 9/13/2013

Page Number 1 of 4

## Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAKED**  
9/13/13

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable CD Promise Date	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M304S16GA	304/316 Sheet .063	9/18/2013 Yes 9/18/2013	480.00 sf	\$3.82	\$1,832.28
MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240						
Line Total:						\$1,832.28
3	M6061T6B00750X00.125	6061-T6 Bar .750 x .125	9/18/2013 Yes 9/18/2013	20.00 f	\$1.50	\$30.00
MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A/225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221						
Line Total:						\$30.00

Nec 60

9/13/13

Note:

9/13/2013



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO21317**

Purchase Order Date 9/12/2013

PO Print Date 9/13/2013

Page Number 2 of 4

**Order From :** VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

*M126981*

**Contact Name**  
**Vendor Phone** 905 669 9444

**Ship To Contact**  
**Ship To Phone**

**Ship Via:** Yours ppd  
**Ship Acct:**

**Buyer** Chantal Lavoie  
**Customer POID**  
**Customer Tax #** 10127-2607  
**Terms** Net 30  
**Currency** CAD  
**FOB** FCA - (Free Carrier)

4	M6061T6B2.000X02.250	6061-T6 Bar 2.00 x 2.25	9/18/2013 Yes 9/18/2013	1.00 f <i>12<sup>1/2</sup></i>	\$12.79	\$12.79
AS ABOVE						

**Line Total:** \$12.79

5	M6061T6B1.500X02.500	6061-T6 Bar 1.50 x 2.50	9/18/2013 Yes 9/18/2013	12.00 f <i>43 1/2</i>	\$8.39	\$100.70
AS ABOVE						

**Line Total:** \$100.70

6	M6061T6S.040	6061-T6 .040 Sheet	9/18/2013 Yes 9/18/2013	192.00 sf <i>1013 1/2</i>	\$1.61	\$310.00
---	--------------	--------------------	-------------------------------	---------------------------------	--------	----------

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER  
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027  
OR ASTM B209

**Line Total:** \$310.00

**Note:**

9/13/2013



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO21317

Purchase Order Date 9/12/2013

PO Print Date 9/13/2013

Page Number 3 of 4

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 905 669 9444  
  
Ship To Contact  
Ship To Phone  
Ship Via: Yours ppd  
Ship Acct:

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

7 M7075T6B1.750X04.500 7075-T6 BAR 1.750" X 9/18/2013 24.08 ✓  
4.500" Yes f 25  
9/18/2013

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

Line Total: \$1,018.00

8 M7075T6B4.000X4.500 7075-T6 BAR 4.000" X 9/18/2013 8.00 ✓  
4.500" Yes f  
9/18/2013

AS ABOVE

Line Total: \$799.20

9 M7075T6B5.000X1.000 7075-T6 BAR 5.000" X 9/18/2013 60.21 ✓  
1.000" Yes f  
9/18/2013

AS ABOVE

Note:

9/13/2013



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO21317**

Purchase Order Date 9/12/2013

PO Print Date 9/13/2013

Page Number 4 of 4

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 905 669 9444  
  
Ship To Contact  
Ship To Phone  
Ship Via: Yours ppd  
Ship Acct:

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

Line Total: \$1,660.00

10	M7075T6B6.000X6.000	7075-T6 BAR 6.000' X 6.000" (order in billets)	9/18/2013	24.17 ✓	\$174.87	\$4,226.00
			Yes 9/18/2013	f		

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

NOTE: PLEASE CUT TO SIZE: 40 PCS CUT AT 7.25" LONG

Line Total: \$4,226.00

PO Total: \$9,988.97

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.  
No substitution or deviation without consent.  
Certificate of Conformity or Material Certification required - **YES** NO  
PST# 6122-5207

Change Nbr:

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Change Date: 9/13/2013